

NESVERA, R.

NESVERA, R. The Polygraphic Department of the National Technological Museum. p. 124

Vol. 4, no. 10, Oct. 1956
POZEMNI STAVBY
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

NESVERA, R.

NESVERA, R. Jan Tomsa's meritorious work in the field of Czech book printing; a brief outline of the historical development of works printed in the Roman alphabet in our country and the world. p. 72

Vol. 4, no. 10, Oct. 1956
POZEMNI STAVBY
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

NESVAT, G.I.

Improving centralized traffic control devices. Avtom.telem. i
sviaz' 3 no.10:44-45 0 '59. (MIRA 13:2)

1. Starshiy inzhener posta dispatcherskoy tsentralizatsii Severo-Kavkazskoy dorogi.
(Railroads--Signaling--Centralized traffic control)

NESVARA, Jaromir, promovany geolog

Practical use of engineering-geologic maps of waterworks. Geol
pruzkum 5 no. 8:246 Ag '63.

1. Geologicky prieskum, n.p., Zilina.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

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PERSHIN, G.N.; NEVYDUBA, V.T.

Study of membrane resistance activity of streptobacteria Bz. Biul.
eksp. biol. i med. 58 no. 2, 81-84 (g 1964) (MIRA 17:7)

4. Iz Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmaceuticheskogo instituta imeni S. Ordzhonikidze, Moskva. Predstavlene doktorskaya disertatsiya chlenom ANN NSRR A.V. Lebedinskim.

PERSHIN, G.N.; NESVAD'BA, V.V.

Studies on the amidase activity of bacteria and the effect of certain chemotherapeutic substances on it. Biokhimiia 25 no.2:344-348 Mr-
Ap '60. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut im. S.Ordzhonikidze, Moskva.
(AMIDASES) (BACTERIA, EFFECT OF DRUGS ON)

PERSHIN, G.N.; NESVAD'BA, V.V.

Effect of antimicrobial substances on diamine oxidase activity
of bacteria. Antibiotiki 3 no.5:63-65 S-0 '58.

(MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.

(HISTAMINASE,

in bact., eff. of various antibact. drugs (Rus))
(BACTERIA, metabolism,

histaminase, eff. of various antibact. drugs
(Rus))

NESVAD'BA, V.V.

PERSHIN, G.N.; NESVAD'BA, V.V.

Fate of synthomycin and of its optic components in the animal body
[with summary in English] Biul. eksp. biol. i med. 43 no.2:61-62
F '57 (MIRA 10:5)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo
instituta (direktor-doktor khimicheskikh nauk M.V. Rubtsov), Moskva.
Predstavlena deystvital'nym chlenom AMN SSSR V.N. Chernigovskim.
(CHLORAMPHENICOL, metabolism,
distribution of chloramphenicol & its optic components) (Rus)

USSR/Microbiology - General Microbiology

F-1

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81401

Author : Pershin, G.N., Nesvad'ba, V.V.

Inst : -

Title : Effect of Hydrazine Derivatives on Diaminooxidase Activity of Mycobacteria.

Orig Pub: Biokhimiya, 1957, 22, №, 5, 804-806

Abstract: The hydrazine compounds studied exert a strong inhibiting effect on the diaminooxidase activity of mycobacteria. The studies confirm the earlier assumption of the authors (RefZhurBiol, 1956, 39050) that there is no relationship between the tuberculostatic activity of the compounds and their capacity to inhibit the diaminooxidase of bacteria. The high sensitivity of the enzyme to hydrazine derivatives possibly indicates it to contain a carbonyl group.

Card 1/1

PERSHIN, G.N.; NESVAD'BA, V.V.

Absorption, distribution, and excretion of eusynthomycin in the body of animals. Farm. i toks. 19 no.2:46-49 Mr-Ap '56. (MLRA 9:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.

(CHLORAMPHENICOL derivatives,
stearin esther of synthomycetin, metab.(Rus))

NESVAD'BA, V. V.

The action of nitrogenous substances on the enzyme of diamine oxidase of *Pseudomonas aeruginosa*. O. N. Tsvetkov and V. V. Nesvad'ba. (U.S.S.R. Ordnance Akademy Sci. Nauk, Institute of Organo-chem. Compounds, Moscow). Dissertation, 21, 1958. The action of various substances of bacterium B₁ is studied. It is shown that the diamine oxidase activity of B₁ is very high (about 10 times greater than that of P_a). The activity of B₁ is not destroyed by heat. The powd. acetone ext. of B₁ has considerably greater diamine oxidase activity which is about 10% at pH 8. At the optimum pH 8 in the course of 4 hrs. 10% of the substrate entered into the reaction. Both activity was reduced to 0 at acid pH. The diamine oxidase activity of suspensions of B₁ was completely destroyed in 5 min. at 70°C and 10% activity in 40% of its activity; in 5 min. at 80° no enzyme destruction seems to have taken place. Similar enzyme activity of *Pseudomonas aeruginosa* was greater than that of B₁. No diamine oxidase activity was detected in the powd. ext. of *P. aeruginosa*. HgCl₂ (1:10,000-1:500) completely suppressed the diamine oxidase activity of *P. aeruginosa*. HgCl₂ was not as deleterious to the activity of this enzyme in the acid-resistant saprophyte B₁. NaCN in 1:1000 completely suppressed the enzyme activity of B₁ and in 1:1000 25% of the activity remained. Hydroquinone (1:20,000-1:100) suppressed the activity of the B₁ enzyme 50-100%, and in concn. 1:400,000-1:100,000-10-75% in 1:100,000-50-75% while bromochloro-
benzene in 1:50-1:200 suppressed the activity 10-15%. Bromochloro-
benzene (1:50-1:200) suppressed such enzyme activity of *P. aeruginosa* but not of B₁. Diamine oxidase of B₁ is not sensitive to low acidic acid. It is, however, sensitive to hydroxides of potassium and sodium acids as well as to vanillin-hydrazine or isopropenil acid. B. S. Levin

(1)

PERSHIN, G.N.; NESVAD'BA, V.V.; SHATILOVA, Z.K.

Effect of chemotherapeutic and bactericidal substances on the biological synthesis of methionine. Biokhimiya 18, 120-3 '53. (MLRA 6:1)
(CA 47 no.1517670 '53)

I. All-Union Chem.-Pharm. Inst., Moscow.

NESVAD'BA, V. V.

USSR/Medicine - Disinfectants

Mar/Apr 53

"The Action of Antibacterial Substances, i.e. 8-Hydroxyquinoline and Its Derivatives, on the Redox Enzymatic Activity of Bacteria," G. N. Pershin, V. V. Nesvad'ba, S. K. Shatilova, All-Union Sci-Res, Chem-Pharm Inst imeni S. Ordzhonikidze

Farmakol i Toksikol, Vol 16, No 2, pp 25-30

Enzymes contg metals, i.e. peroxidase, indophenol-oxidase, and formic acid dehydrogenase, are not sensitive to 8-hydroxyquinoline (I), the N-oxide of I (II), or the alkyl derivs of I and II. The antibacterial activity of I does not depend on

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this compd's ability to inactivate enzymes contg heavy metals. Dehydrogenases which do not contain heavy metals have a considerable sensitivity to alkyl derivs of I and a somewhat lower one to alkyl derivs of II. I and its simplest derivs interfere with basic redox processes and for that reason cannot be used for chemotherapeutic purposes. Eighteen derivs of I synthesized at VNIKMF were tested.

PA 249772

249772

1. PERSHIN, G. N., NESVAL'BA, V.V., SHATILOVA, Z.K.
2. USSR (600)
4. Methionine
7. Effect of chemotherapeutic and bactericidal substances on the biological synthesis of methionine. Biokhimiia No 1 1953
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Vol. 1.

Preparation of 1-nitro-4-naphthoic acid by saponification
of its amide and nitrile. S. I. Sergievskaya and V. V.

Newjad'ba. *J. Gen. Chem. (U. S. S. R.)* **8**, 934-6 (1938).

Contrary to the literature data 1,4-O₂NCO₂HCO₂H can be obtained in good yields from 1,4-O₂NCO₂H₂CN and 1,4-O₂NCO₂HCONH₂ by sapon. The nitrile is sapon. by autoclaving with excess of concd. HCl at 135-40° for 6 hrs. or by refluxing with a mixt. of 50% H₂SO₄ and 100% AcOH for 18 hrs. The amide is sapon. by refluxing with excess H₃PO₄ (d. 1.75) for 1 hr. Chas. Blanc

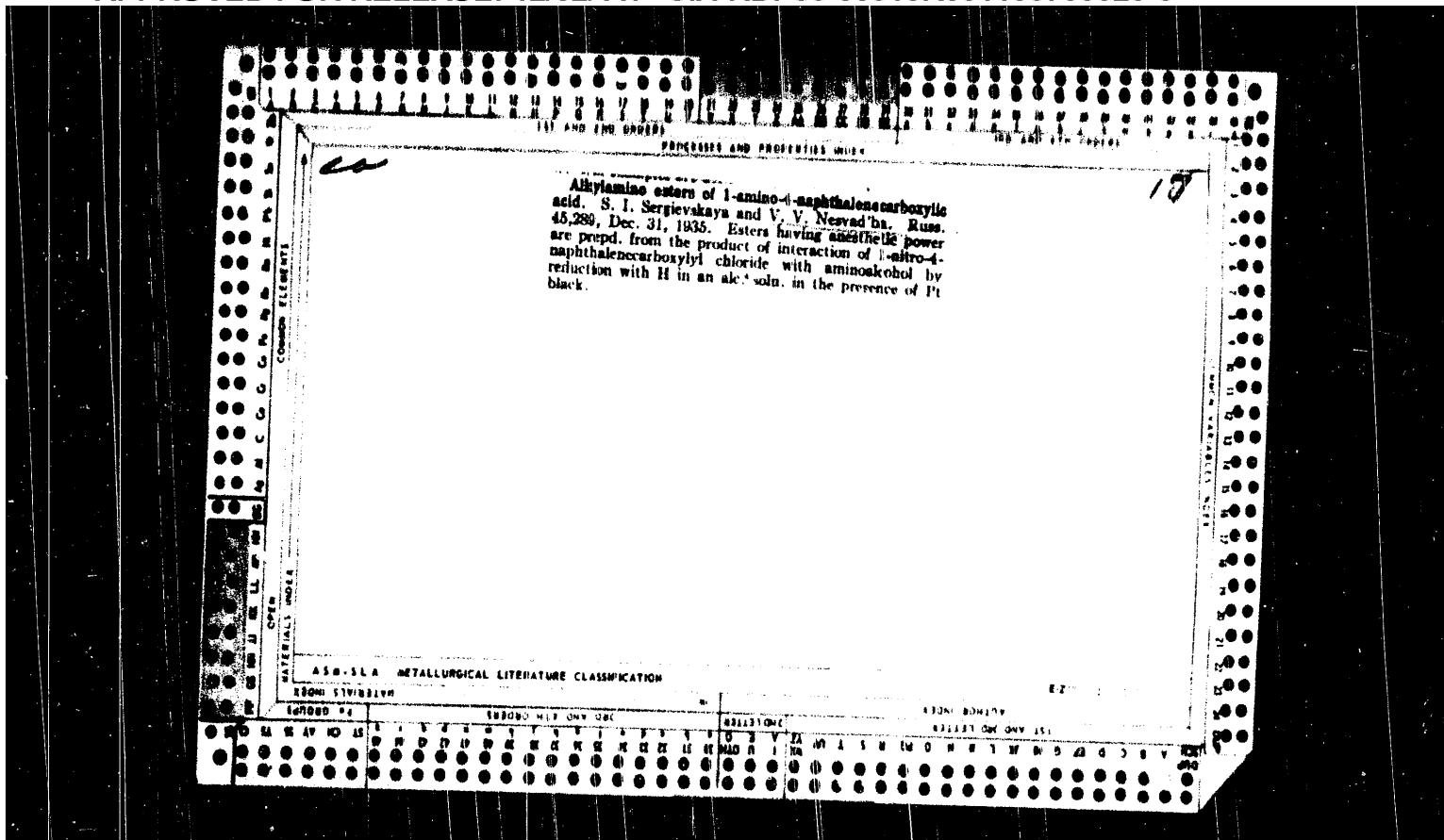
CO

Anesthetic compounds in the naphthalene series. I
 Ester of 1-amino-4-naphtholic acid. S. I. Serigorskaya
 and V. V. Nevaid'ba. *J. Gen. Chem. (U. S. S. R.)* B,
 924-23 (1938). - 1,4-H₂NC₆H₃(OCOEt), m. 89-1°, *Pr* deriv.,
 m. 82 2.5° and 150-*P* deriv., m. 98.5-9.5°, prep'd. from
 the corresponding nitro compds. by reduction with H and
 Pt in alc., have marked local anesthetic action, but are
 insol. in H₂O. The following *diethylaminooxyl* esters of
 1,4-H₂NC₆H₃CO₂H were obtained by condensation of
 1,4-O₂N₂C₆H₃COCl (I) with a corresponding diethylamino
 alc. and reduction of the nitro compd. as above or with Fe
 in dil. AcOH. I, m. 95.6°, b. 170-1°, was prep'd. by
 digesting 1,4-C₆N₂CO₂H with 4 mols. SOCl₂ and distg.
 off the excess SOCl₂ *in vacuo*. 2-Diethylaminomethyl (HCl
 salt, m. 212°; citrate, m. 114-10° (decompn.)) 3-Di-
 ethylamino-2,2-dimethylpropyl (tacocaine analog) (HCl
 salt, m. 187-8° (decompn.); citrate, m. 146.7°). 2-
 Diethylaminoisopropyl (HCl salt, m. 208°). 3-Diethyl-
 amino-1,2-dimethylpropyl (HCl salt, m. 210-12° (de-
 compn.)), is the tacocaine analog. The local anesthetic
 action of these compds. is higher than that of cocaine.
 The effect begins in 1-3 min. and lasts for 15 min. to 2.5
 hrs. with but insignificant secondary action. In their
 toxicity they occupy an intermediate position between
 procaine and cocaine. Chas. Blane

5,6,7,8-Tetrahydro - 1,4 - aminonaphthalene carboxylic acid and its derivatives. S. I. Sergievskaya and V. V. Novik'ba, *J. Gen. Chem. (U. S. S. R.)* **6**, 663-6 (1936). --O₂NC₁₂H₉CN (I), m. 121°, was obtained from O₂NC₁₂H₉NH₂ (Schepeter, *Ann.* **436**, 60) with HNO₃ and CuCN by the Sandmeyer reaction. I (0.5 g.), heated with 34 cc. of concd. HCl in a sealed tube at 140° for 10 hrs., gave 4.8 g. O₂NC₁₂H₉CO₂H (II), m. 161.2°. II in abs. alc. satd. with HCl and digested on a water bath for 5 hrs. formed O₂NC₁₂H₉CO₂Et, m. 37°. The ester reduced in alc. with Pt black by the method of Adams (*Org. Syntheses* **8**, 66) gave H₂NC₁₂H₉CO₂Et, m. 90°; Ac deriv., m. 165.6°. This ester (1 g.), reduced with 10.5 cc. of 0.5 N aq. KOH for 4 hrs. and the reaction mixt. made slightly acid with AcOH, gave 0.7 g. H₂NC₁₂H₉CO₂H, m. 188°. I, reduced with SnCl₄ in HCl, gave H₂NC₁₂H₉CN, m. 114°; HCl salt, m. 204°; Ac deriv., m. 203°. Chas. Blane

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

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Co
Esters of 1-aminonaphthalene-4-carboxylic acid. S. I. Sergievskaya and V. V. Nesvad'ba. Russ. 45,299, Dec. 31, 1935. Esters of 1-nitronaphthalene-4-carboxylic acid are hydrogenated in an alc. soln. in the presence of Pt black catalyst.

AMSLA METALLURGICAL LITERATURE CLASSIFICATION

CLASS CODE
REF ID: A13

CZECHOSLOVAKIA

J. JEBLICKA and E. NESVADBA, Cardiology Laboratory of Second Internal Medicine Clinic of Faculty of General Medicine of Charles University (Kardiologicka laboratorie pri II interni klinice fakulty všeobecného lékařství KU [Karlove University]) Head (prednosta) prof Dr Fr. HALEŠ, DrSc; and Polyclinic of the Okres Institute of National Health (Poliklinika OUNZ [Okresní ústav národního zdraví],) Chief (ředitel) J. ROTHMAN, MD, Prague.

"Clinical Diagnosis of Ebstein's Anomaly."

Prague, Casopis Lekaru Českých, Vol 102, No 8, 22 Feb 63; p 269-273.

Abstract [English summary modified]: Detailed description of case of woman of 41, studied by authors for 15 years; cyanosis rather than dyspnea was main symptom; she had been cyanotic from birth. Despite 2 normal births and mild tendency to obesity, she was well compensated and essentially well. Comprehensive cardiologic work-up with discussion of differential diagnosis with tetralogy of Fallot and other congenital cardiac malformations. Nine graphs, 3 roentgenograms, 1 Soviet, 1 Czech and 45 Western references.
171

NESVADBA, Pavel; STOLZ, Josef

Heart aneurysm in relation to myocardial infarct; experiences in
1951 and 1952 in heart department. Cas.lek.cesk. 94 no.20:538-542
13 May 55.

1. Ze statni fakultni nemocnice na Kral. Vinohradech.
(HEART, aneurysm,
in Czech., incidence, relation to myocardial infarct)
(MYOCARDIAL INFARCT, epidemiology,
in Czech., relation to heart aneurysm)

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NESVADBA, O.

Use of a getter in indium arsenide synthesis. El tech cas
15 no. 68375-376 '64.

NESVADBA, Otakar, RNDr.

Problem of InSb monocrystal preparation. El tech cas 14
no. 5:257-270 '63.

1. Ceskoslovenska akademie vied, Elektrotechnicky ustanov
Slovenskej akademie vied, Bratislava, Patronka.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

NESVADBA, O.

Direct detection of induction channels by surface effect.
El tech cas 13 no. 9:568-570 '62.

41225

S/194/62/000/007/079/160
D295/D308

24.7.63

AUTHOR: Nesvadba, Okatar

TITLE: Method of production of semiconductor devices

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 7, 1962, abstract 7-4-95 sh (Czech. pat. cl. 21a⁴,
v. 38, no. 98120, Jan. 15, 1961)

TEXT: An improved technique for increasing current gain stability
is suggested. Before encapsulation of the device, its surface is
covered with a protective layer containing aluminum indium or gal-
lium in colloidal form; the medium in which the metal is dispersed
can be either organic or inorganic non-conducting material, for
example KO compounds. It is unimportant here whether the mass used
is applied only to the semiconductor or also to other parts of the
device. Before hermetical sealing, the device is heated to a tempe-
rature above the maximum temperature permissible in operation. It
is also recommended that the last stages of the process (coating
and drying) be performed in a nitrogen atmosphere. [Abstracter's
note: Complete translation.]

Card 1/1

X

8L951

Z/037/60/000/006/010/010
E192/E382

Effect of the Changes of the Reverse Current, Due to Surface Phenomena, on Germanium P+N Junctions

"junction surface". Thus, when the atmosphere was varied above the "junction surface", the current was increased, on the other hand, while the "free surface" was exposed the reverse current decreased. Curve 1 in Fig. 1 shows the increase of the reverse current on the "junction surface" while Curve 2 shows the decrease of the current on the "free surface". There are 2 figures and 4 references: 1 Czech and 3 English.

SUBMITTED: June 25, 1960

Card 2/2

8493
94340 (1143,1160,1331)

Z/057/60/000/006/010/010

E192/E582

AUTHOR: Nesvadba, O. (Tesla Rožnov)

TITLE: Effect of the Changes of the Reverse Current Due
to Surface Phenomena, on Germanium P+N Junctions

PERIODICAL: Československý časopis pro fysiku, 1960, No. 6,
p. 580 + 1/2 plate on p. 590b

TEXT: The effect of the ambient atmosphere on the reverse
current in junction diodes was investigated experimentally.
The junctions were of p+n type and had a diameter of 1 mm.
they were formed from type n germanium plates. The
resulting diodes were situated in a special two-section
climatic chamber so that the atmosphere of one side of the
junction could be varied independently of the other. All the
measurements were done at a constant temperature ($25 \pm 2^{\circ}\text{C}$).
Dry hydrogen having relative humidity of 10% at 25°C was
used as the reference medium and the current was measured at
the reverse voltage of -4.5 V. The experimental results are
shown in Fig. 1. It is seen that the changes in the reverse
current for the same atmosphere ($\text{O}_2 + \text{H}_2\text{O}$) and (O_2) were of
reverse polarities for the "free surface" and for the

Card 1/2

CZECHOSLOVAKIA/Electronics - Photocells and Semiconductor Device II

Abs Jour : Ref Zhur Fizika, No 12, 1959, 27913
Author : Nesvadba, Otnak; Kwaczek, Otmur; Machala, Frantisek
Inst : Tesla Roznov, Czechoslovakia
Title : Geometrical Model of a Fused p-n-p Junction
Orig Pub : Slaboproudny obzor, 1958, 19, No 11, 755-758

Abstract : As is known, oxides on the surface of germanium junctions, and also the warm humid ambient reduce the constancy of the properties of transistors both during storage time and during the operating process. To attain this constancy by technological means, a geometrical model is proposed for the fused p-n-p junction. The action of this model is investigated when moisture acts on the junction at an increased

Card 1/2

NEVIDEL, O.

24(2,4) PHASE I BOOK EXPLOITATION CZECH/2433

International Polarographic Congress. Lat, Prague, 1951
 Sborník I. Mezinárodní Polárografického Sjèzdu, Díl 3: Hlavní
 referaty prezentované na Sjèzdu. Praha, 1952. Vol. 3: Review
 Read at the Congress. Prague, 1951. Pragovodcëk vyd-vi [1952]
 774 p. 2,000 copies printed.

Res. Ed.: Jiří Koryta, Doctor; Chief Ed. of Publishing House:
 Milan Skalník, Doctor; Tech. Ed.: Oldřich Bonka.

PURPOSE: The book is intended for chemists, chemical engineers,
 and physicists.

COVERAGE: The book is a collection of reviews and original papers
 read at the International Polarographic Congress held in Prague
 in 1951. Uses of Polarography in organic and inorganic analyses,
 biochemistry, medicine, and industrial chemistry are discussed.
 In the section, Reviews Read at the Congress, Russian and
 either German or English translations of each paper are
 presented. In the English section, Original Papers Read at the Congress,
 only those in Russian, German, and English which
 have not been published in Volume I are presented. The
 following section contains papers presented in the opening of the
 Congress. Professor J. Štěpánek, President of the Faculty
 of Sciences, Warsaw; Doctor Kmita, Dean of the Faculty
 of Philology; Professor Janusz Stolarski, Minister
 of Education, Warsaw; Professor Janusz Heraty, Chairman
 of the Congress; and Professor Jaroslav Pudlo, Chairman
 of the Scientific Board. Professor Jaroslav Pudlo, Chairman
 Development, References follow each paper.

Sokolov, A. Derivation of the Extended Equation of
 the Polarographic Curve
 [Russian translation]
 [German translation]

Yer, J. A New Apparatus for Oscillographic Polarography
 [Russian translation]
 [German translation]

Ríhe, J. Polarographic Derivative Curves
 [Russian translation]
 [German translation]

Nevelita, O. Artificial Regulation of the Drop Time
 [Russian translation]
 [German translation]

Fer, K. Vacuum-tube Polarograph
 [Russian translation]
 [German translation]

Card 13/14

CA

17

Rutin and quercetin isolation and polarography. Ivan Berka and Otakar Nešvadba (Inst. Pharm. Chem. M. U., Brno, Czech.). *Casopis Českého Lékařství* **63**, 33-6 (1950). Rutin (I) was isolated from Moravian and French buckwheat by 2 methods: (1) H₂O extn. in a Soxhlet app., which yielded an av. of 1.38% of I; and (2) MeOH extn. by percolation, which gave an av. yield of 1.57%. Whereas pure I and its hydrolysis product, quercetin (II), could be analyzed individually by polarography, the isolated rutin-contg. mixts. of I and II gave 2 poorly reproducible curves.

James L. Jezl

CA

4

Synchronization of the dropping-mercury electrodes by pressure. O. Nezadoba (Inst. Ind. Hyg., Brno, Czech.). Collection Czechoslov. Chem. Commun. 15, 761-66 (1950).—An app. is described in which the hydrostatic pressure of Hg above the capillary is partially replaced by gas pressure, and the drop time is controlled by the amt. and time of application of the pressure. These in turn are controlled by a rotary valve and an electronic timer, for which detailed diagrams are given. With a single capillary, the galvanometer oscillations are increased and the sensitivity is decreased; furthermore, the rate of decrease of the current with increasing applied potential above -1.0 v. is abnormally large. Satisfactory differential polarograms can be obtained by the use of two capillaries whose characteristics are thus artificially synchronized. Louis Meites

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BARDODEJ, Z.; BERKA, I.; CHALUPA, B.; NESVADBA, O.; VYSKOCIL, J.

New data on the effect of trichloroethylene on health in workers.
Pracovni lek. 4 no. 6:441-467 Dec 1952. (CMLL 24:2)

1. Of the Department of the Industrial Hygiene (Head--Docent K. Kadlec, M.D.) of KHES in Brno.

NESVADBA, Miroslav; NOVOTNY, Jan

Removal of varnish from wood pattern by dipping.
Slevarenstvi 12 no. 3: 112-114 Mr '64.

1. Sigma Olomouc, slevarny Lutin.

NESVADBA, M.

Chemical Abstr.
Vol. 48
Apr. 10, 1954
Biological Chemistry

Note on the filter-paper electrophoresis of proteins. D. Wiedermann and M. Nesvadba (Masarykova Univ., Brno, Czech.). *Čes. Lisy* 47, 1025-7 (1953).—The effect of electrophoresis, capillary stream of the buffer, and of chromatography on the movement of fractions is discussed.

M. Hudlický

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NESVADBA, Jindrich, inz. dr.

Progressive technology of manufacturing tool holders. Stroj
vyr 13 no.4:245-248 Ap '65.

1. Zelezarny Cenkov National Enterprise, Cenkov.

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NESVADBA, JINDRICH

Nesvadba, Jindrich: Kinematika mechanismu (Ed. 1.) Praha, státní pedagogické nakl., 1953, 271 p. (Učební texty vysokých škol) (Kinematics of mechanisms. Prague.)

SO: Monthly List of East European Acquisitions, L. C. Vol. 3 No. 1 Jan. '54 Uncl.

JOST, K., DEBABOV, V.G., NEVADIBA, T.; BUDDE, J.

Amino acids and peptides. Part 2. Amino acids. Chemical synthesis
P. 1/4.

1. Institute of Organic Chemistry and Physicochemistry, Siberian Branch
Academy of Sciences, Novosibirsk (for Jost and Budde); 2. Institute
of Organic Chemistry, Academy of Sciences of the USSR, Moscow (for
(for Debabov); 3. Peptide Laboratory, Saratov All-Union Research Center
Nevadiba).

GENETOMOJAKA

RESVADSKA, H; HONZL, J; KUDRINKOV, J.

1. Second Chemical Institute of the University, Vienna;
2. Institute of Organic Chemistry and Biochemistry
of the Czechoslovak Academy of Sciences, Prague
(for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 7, 1963, pp 1691-1703

"Amino Acids and Peptides. XXXVII. Some Structural Analogues
of Oxytocin Modified in Position 3 of the Peptide Chain:
Synthesis and some Chemical and Biological Properties."

MESVAdBA, H

Preco (G., Min., 100%), of crystalline trisulfide that decomposes at 110°C to bisulfite acid (III), and its immediate decomposition without oxidation. The oxidation of II has reportedly to give about 100% yields III, obtained by sublimation in SO_3 and recrystallization from $\text{BuOH}-\text{H}_2\text{O}$ to give $\text{H}_2\text{S}_2\text{O}_4 \cdot m \text{H}_2\text{O}$, molar mass 178-6 (c 215-10³, 1411, 44.5° (c 1.08, H_2O_2); picrate, m. 178-6 (c 111-10³, 1411, 44.5° (c 1.08, H_2O_2); Menchikov, C.A. 41, 3012a). Since the configuration of II is known, this confirmation of the relationship between I and II establishes not only the structure of I, but also its configuration at having the $(\text{CH}_2)_2$ group on the β -carbon of the methyl group. (Received and H. S. French)

2

NESVADBA, E.

Focusing adjustment for optical instruments. Jemna mech opt
5 no.3:86-87 Kr '60.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

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NESVADBA, A.

Schools of new working methods in the machinery industry, p. 218,
STROJIRENSKA VYDORA (Ministerstvo strojirenstvi) Praha, Vol. 3,
No. 5, May 1955

SOURCE: East European Accessions List (EAL) Library of Congress,
Vol. 4, No. 12, December 1955

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

RECORDED

Numbering of documents - Data page 10 page 97-98 - 5000.

LASAS, Algirdas; NESUKAITIS, Vitautas; STANAITIS, Jonas; PRANAITE, R.,
red.; GOTLERIS, D., tekhn. red.

[Industrial electronics] Pramonine elektronika. Vilnius, Val-
stybine politines ir mokslynes literaturos leidykla. Pt.1.
[Electron, ion and semiconductor apparatus] Elektroniniai, jo-
niniai ir puslaidininkiniai prietaisai. 1962. 407 p.
(MIRA 16:6)

(Electronic apparatus and appliances)

NESUKAITIS, V.; STASIULIONIS, M.

Automation of optic control of certain properties of plane surfaces
by the polyphote method. Liet ak darbai B no.1:207-214 '61.
(EEAI 10:9)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR.

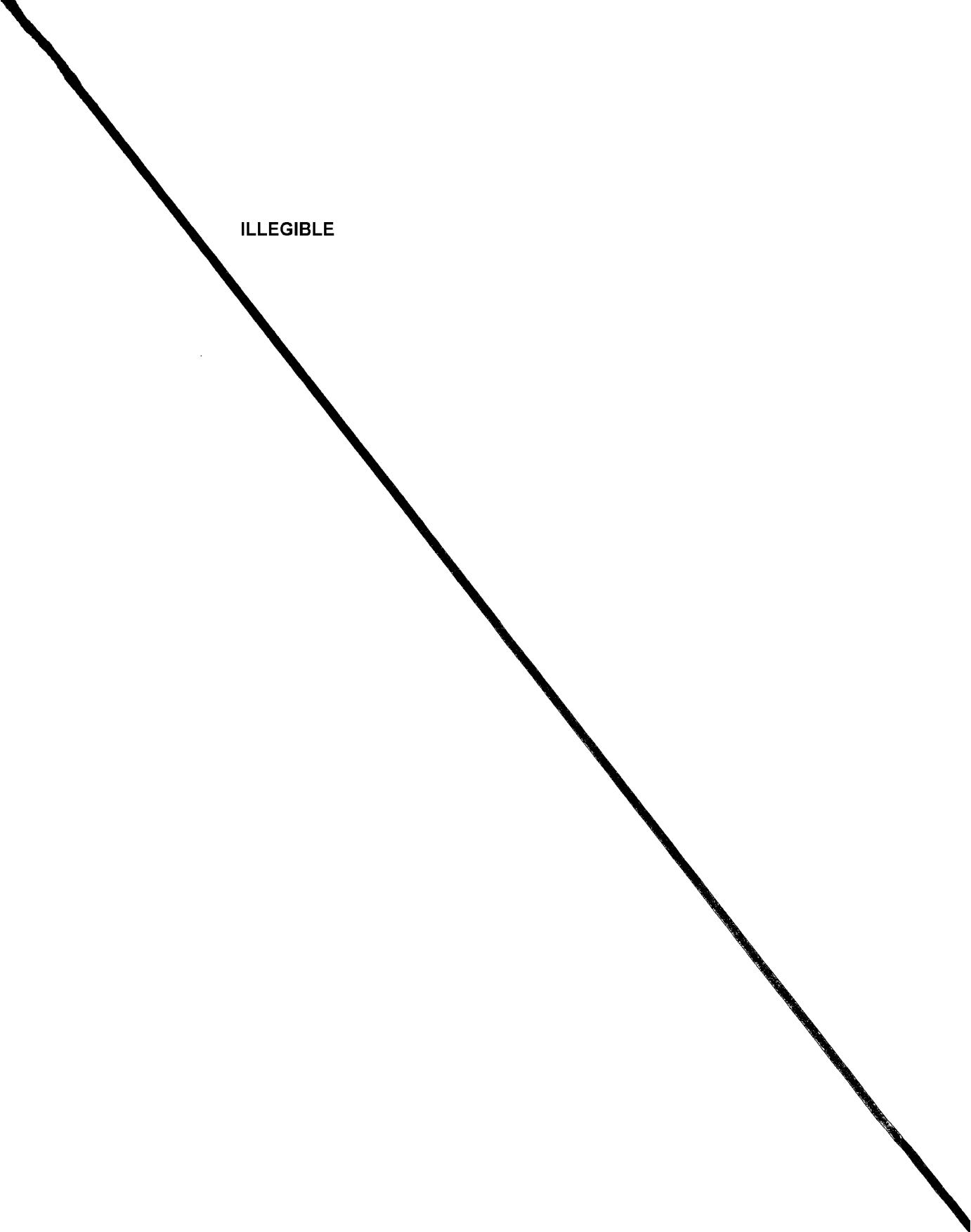
(Photochemistry) (Automation) (Surfaces)

COUNTRY : USSR
CATEGORY : Cultivated Plants. Cereals.
ABC. JOUR. : RZhBiol., №. 25 1958, No. 104650
AUTHOR : Nestyuk, N. N.
INST. : Academy of Sciences, Belorussian SSR
TITLE : Corn Yield in Relation to the Amounts of Phosphoro-Potash Fertilizers.
ORIG. PUB. : V sb.: Kukuruz v BSSR. Minsk, Ak. BSSR, 1957, 201-202
ABSTRACT : The influence of the amounts and methods of the application of phosphoro-potash fertilizers on the yield of corn in peat bog soils was studied at Kossovskaya Experiment Station. The highest yield of green roughage and ears (360 centners/ha) was obtained with the application of P70K180. A decrease in the amount of PK considerably lowered the yield. A decrease of phosphoric fertilizer by 50% lowered the yield of grain in the ears by 9 centners/ha. With an increase in the amount of potassium fertilizer and a decreased dose of the phosphoric one, the yield of green roughage and grain remained unchanged. -- T. I. Karelina

Card: 1/1

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ILLEGIBLE



МІСТСЮК, М.М., кандидат сільськогосподарських наук; РОЗЕНБЕРГ, Р.Я.,
кандидат сільськогосподарських наук.

Effect of bacterial fertilizers on crop yields on peat-bog soils.
Vestsi AN BSSR Ser. biyal.nav. no.2:19-24 '56. (MLRA 10:1)
(Fertilizers and manures) (Peat soils)

DZHEMUKHADZE, K.M.; BUBUN, G.A.; NESTYUK, M.M.

A day's dynamics of catechols and flavones in a tea plant. Biokhim.
chain. proizv. no.9:15-19 '62. (MIRA 16:4)

1. Institut biokhimii imeni A.N.Bakha AN SSSR, Moskva.
(Flavones) (Catechol) (Tea)

MUROMISEV, G.S.; NESTYUK, M.N.

Colorimetric determination of gibberellic acid in the culture
fluid of Fusarium moniliforme. Izv.AN SSSR.Ser.biol. no.6:
825-831 N-D '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i
agropochvovedeniya.
(GIBBERELLIC ACID)(COLORIMETRY)

DZHEMUKHADZE, K.M.; NESTYUK, M.N.; MILESHKO, L.F.

Flavonoids in the bifoliolate flushes of the tea plant. *Biokhimia*
26 no.4:694-700 Jl-ag '61. (NIKA 15:6)

1. Institute of Biochemistry, Academy of Sciences of the USSR,
Moscow.

(TEA)

(FLAVONOID)

DZHEMUKHADZE, K.M.; NESTYUK, M.N.

Flavonoid transformation in curling tea leaves. Dokl.AN SSSR
133 no.2:469-471 Jl '60. (MIRA 13:7)

1. Institut biohimii imeni A.N.Bakha Akademii nauk SSSR.
Predstavлено академиком А.И. Опарином.
(TEA) (FLAVONOIDS)

NESTYUK, M. N.

Studying the dynamics of flavones in the developmental processes of
some radish varieties (*Raphanus sativus* var *radicula*). Vest. Mosk.un.
Ser. biol., pochv., geol., geog. 13 no.3:53-62 '58. (MIRA 12:1)

1. Kafedra biokhimii rasteniy Moskovskogo gos. universiteta.
(Radishes) (Flavones)

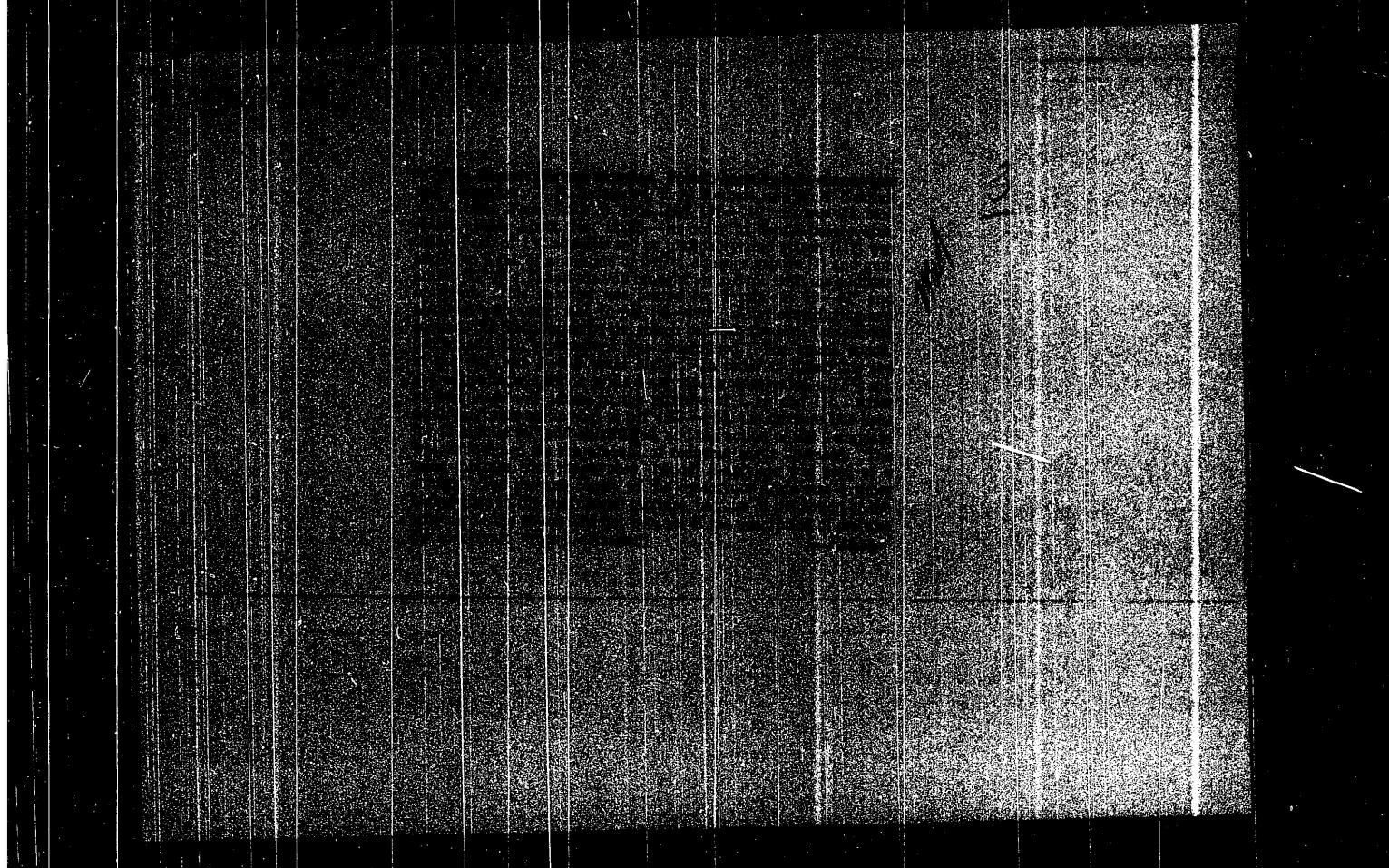
DZHEMUKHADZE, K.M.; NESTYUK, M.N.; MILESHKO, L.F.

Catechins and flavanoids in some tea varieties of the Chinese People's Republic. Biokhimiia 25 no.2:349-354 Mr-Ap '60. (MIRA 14:5)

1. Institut biokhimii im. A.N.Bakha Akademii nauk SSSR, Moscow.
(CHINA--TEA) (FLAVONOIDS) (CATECHOL)

NESTYUK, M. N.: Master Biol Sci (diss) -- "A study of the quantitative and qualitative changes in flavone substances in the process of ontogenetic development of certain higher plants". Moscow, 1958. 22 pp (Moscow Order of Lenin and Order of Labor Red Banner State U im M. V. Lomonosov, Soil-Biology Faculty), 150 copies (KL, No 1, 1959, 117)

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M n - Westmark

✓ 1960s/70s, and continue. Present opportunity to observe Soviet activities in Libya, Jordan, Iraq, Iran, Turkey, and in North Africa. Also, need to assess and evaluate available intelligence information concerning the USSR's influence, political and economic, in the Middle East. This will be done by collecting and analyzing counterintelligence intelligence from the USSR, and from the details of Soviet liaison with Libya. This will be shown in the collection of information of any possible espionage and counterespionage threat, as it is more rapidly attained by any threat to the conservative Al Quds 62-63 clients and personnel residing in Libya, and their actions on behalf of the USSR.

D. M. [Signature]

(4)

NESTYUK, M. N.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Biological Chemistry

Method⁽¹⁾ for the determination of flavone substances in plants. A. R. Guseva and M. N. Nestyuk (Bakh Inst. Biochem., Acad. Sci. U.S.S.R., Moscow). *Biokhimiya* 18, 490-2(1953).—In Wilson's method of org. plant analysis (*C.A.* 33, 9201^a) abs. acetone was replaced by 97% abs. acetone and 4% MeOH. The content of flavone substances in green and yellow leaves of *Eucommia*, the green leaves of *Euonymus*, yellow leaves of tobacco, and green leaves of tea was detd. by the original Wilson and modified methods. The use of the modified solvent yielded considerably higher values for glycosides of flavone substances in a variety of plant materials.

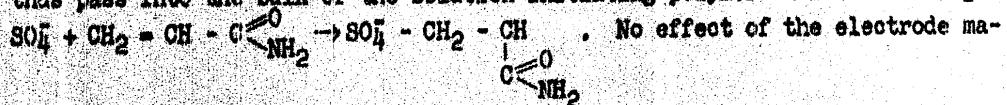
B. S. Levine

SKOBETS, Ye.M.; NESTYUK, G.S.; SHAPoval, V.I.
Polarographic and oscillographic investigation of acrylamide.
Ukr. khim. zhur. 28 no.1:72-76 (1976) (MIRA 16:8)
1. Ukrainskaya sel'skokhozyaistvennaya akademiya.

S/073/63/029/003/004/009
A057/A126

Polarographic investigations of...

by the interaction of acrylamide radicals generated at the electrode, which inhibit the formation of polymer chains. The SO_4^{\cdot} radicals do not interact and can thus pass into the bulk of the solution initiating polymer chains according to:



No effect of the electrode material was observed. Quantitative tests were carried out in glass cylinders with diaphragms separating the anode and cathode volume and a polymer obtained the viscosity and polymerization the degree of which was depending on the current density. The polymer obtained at room temperature during 3 hrs showed a characteristic viscosity of the same value (4.3) as the polyacrylates prepared by conventional chemical methods. The present method proves the stepwise reduction of the persulfate ion on the anode. The method is, apparently, applicable to other polymerizations, too, as well as to theoretical studies, since initiation with a constant rate can be carried out. There are 1 figure and 1 table.

ASSOCIATION: Ukrainskaya sel'skokhozyaystvennaya akademiya (Ukrainian Agricultural Academy)

SUBMITTED: April 17, 1962

Card 2/2

8/073/63/029/003/004/009
A057/A126

AUTHORS: Skobets, Ye. M., Nestvuk, G. S.

TITLE: Polarographic investigations of acrylamide. III. Electrochemical initiation of polymerization

PERIODICAL: Ukrainskiy khimicheskiy zhurnal, v. 29, no. 3, 1963, 302 - 306

TEXT: In an earlier paper (Ukr.khim.zn., v. 28, 1962, 72) the authors assumed the occurrence of acrylamide reduction in two stages: 1) The electrochemical stage with the formation of a free radical, and 2) the chemical polymerization. In the present work, therefore, the preparation of polyacrylamide by means of an electrochemical "redox" system was studied, using $K_2S_2O_8$ as oxidizing agent and the electrode as "reducing" agent. The experiments were carried out with Pt, Ag-amalgamated, or Ni-electrodes at 18 - 20°C in 10% acrylamide solutions, containing 0.1% $K_2S_2O_8$. The $S_2O_8^{2-}$ ion is reduced at a voltage of $V_1 = 1.1$ v, the hydrogen ion at $V_2 = 2.52$ v, and the acrylamide at $V_3 = 3$ v. Polymerization was effected in the interval 1.1 - 2.52 v, while no initiation occurred at the voltage of acrylamide reduction, or above. This is explained

Card 1/2

SKOBETS, Ye.M.; NESTYUK, G.S.

Using electrochemical persulfate reduction for the initiation
of polymerization reaction. Dokl. AN SSSR 146 no.5:1125-1127
0 '62. (MIRA 15:10)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
Predstavлено академиком A.N. Frumkinym.
(Polymerization) (Peroxydisulfates) (Reduction, Electrolytic)

SKOBETS, Ye.M.; NESTYUK, G.S.

Polarographic study of the polymerization kinetics of
acrylamide. Ukr.khim.zhur. 28 no.8:934-938 '62. (MIRA 15:11)

1. Ukrainskaya sel'skokhozyaystvennaya akademiya.
(Acrylamide) (Polymerization)

ACHARKAN, V.A.; BARSKOV, I.M.; BIRYUKOV, I.S.; BORODINA, L.Ya.; BRENNER, M.M.;
GORELIK, B.Ye.; GUMEROV, M.N.; ZORKAYA, N.M.; IOTRYSH, A.I.;
KAYDALOVA, O.N.; KAPUSTIN, Ye.I.; LEBEDEVA, M.A.; LESHKOVTSOV, V.A.;
LYSENKO, V.P.; MARKIN, A.B.; MIKHAYLOV, N.N.; NEFST'YEV, I.V.; NECHAYEV,
N.V.; NIKOL'SKIY, A.V.; OSTROUKHOV, M.Ya.; PISANZHESKIY, O.N.;
POLUBOYARINOV, M.M.; POPOV, Yu.N.; PRASOLOV, M.A.; POKATAYEV, Yu.N.;
RIMBERG, A.M.; RYABOV, V.S.; SEMKOV, B.F.; SPERANSKAYA, Ye.A.; TAKOYEV,
K.F.; TRIFONOVA, G.K.; TROFIMOVA, V.I.; SHAKENAZAROV, G.Kh.; SHKAREN-
KOVA, G.P.; SHMERLING, K.G.; BYDEL'MAN, B.I.; MIKAELYAN, E.A., red.;
MUKHIN, Yu.A., tekhn.red.

[U.S.S.R. as it is; a popular illustrated handbook] SSSR kak on est';
populiarnyi illiustrirovannyi spravochnik. Moskva, Gos.izd-vo polit.
lit-ry, 1959, 462 p. (MIRA 12:2)

(Russia)

1. MESTUCHIL, A. V., LIZENKOV, A. I. etc.
2. USSR (600)
4. Dielectrics
7. Measuring characteristics of dielectric materials used in high-voltage insulators. Elektricheskoye No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

NESTRUKH, Mikhail Fedorovich, doktor biol. nauk; POZHARITSKAYA,
~~Natal'ya Mikhaylovna~~; GABOVA, K.K., red.

[From the higher animals to man] Ot vysshikh zhivotnykh
k cheloveku. Moskva, Izd-vo "Znanie," 1965. 47 p. (No-
voe v zhizni, nauke, tekhnike. XII Serija: Estestvoznanie
i religiia, no.7) (MIRA 18:7)

NESTURK, M.F.

Special morphological features of some species of bats are connected with their distribution. Trudy NESTURK. (41. 12. 1964. 151-160 '64.) (1964. 34. 4)

1. Institut antropologii i etnologii pri RAN, Moscow, Russia.

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

NESTURKH, M.F.

Viktor Mat'jushin Yuzak, Trudy Nauk. biol. 14:9-18 (1974).
(KINA 18:4)

NESTURKH, M. F.

"Nekotoryye faktory gennicatsii i vymiraniya chislennykh antropologov
plitsena i pleystosensa."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

NESTURKH, M. F.

Dissertation defended at the Institute of Animal Morphology imeni
A. N. Severtsov for the academic degree of Doctor of Biological Sciences:

"From a Compilation of Published Studies 'Primateology and Anthropogenesis'
and 'Origin of Man'

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

NESTURKH, M.F., doktor biolog.nauk (Moskva)

New exhibits at the Museum of Anthropology. Priroda 51 no.12:107-
108 D '62. (MIRA 15:12)
(Moscow—Anthropological museums and collections)

PORSHNEV, B.F., prof.; DEMENT'YEV, G.P., prof.; NESTRUKH, M.F.,
kand.biol.nauk (Moskva)

Hand of an unknown higher primate. Priroda 50 no. 2:61-63
F '61. (MIRA 14:2)

(Hand)

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

NESTURKH, M.F.

Longevity of primates. Biul. MOIP. Otd. biol. 65 no. 6:151 N-L '60.
(MIRA 14:2)
(PRIMATES) (LONGEVITY)

NESTURKH, M.F., kand.biolog.nauk

Fossil anthropoid apes. Biol. v shkole no. 6:68-74 N-D '60.
(MIRA 14:1)

1. Institut antropologii Moskovskogo gosudarstvennogo
universiteta imeni M.V. Lomonossova.
(Apes, Fossil)

MESTURKH, Mikhail Fedorovich; BYKOV, V.D., red.; LYUDKOVSKAYA, N.I.,
tekhn.red.

[Primateology and anthropogenesis; monkeys, lemurs, and the
origin of man] Primatologiya i antropogenes; obez'iany, polu-
obez'iany i proiskhozhdenie cheloveka. Moskva, Gos.izd-vo med.
lit-ry Medgiz, 1960. 185 p.

(MIRA 14:2)

(Primates) (Man--Origin)

NESTURKH, M.F., kand. biel. nauk.

On the threshold of consciousness. Priroda 48 no.6:121-123 Je
'59. (MIRA 12:5)

1. Institut antropologii Moskovskogo universiteta im. M.V. Lomonosova.
(Consciousness)

NESTURKH, M.F., kandidat biologicheskikh nauk.

Links in the genealogy of man; fossil apes and prehistoric man.
Priroda 46 no.1:32-42 Ja '57. (MLRA 10:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Apes, Fossil) (Man--Origin)

NESTUREK, M.F.; CHEBOKSAROV, N.N., doktor istoricheskikh nauk, doktor;
MARKOV, N.G., redaktor; SAKHAROVA, N.V., tekhnicheskiy redaktor

[Races of man] Chelovecheskie rasy. Pod red. N.N.Cheboksarova. Mo-
skva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniya
RSFSR, 1954. 98 p.
(Race) (MLRA 8:7)

NESTURKH, M.F.

Nesturkh, M.F. "The great Darwinist (Thomas Henry Huxley)," Ye-testvoznanije v shkole, 1946, No. 6, p. 33-40

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

NESTURIKH, N. F.

"Anthropology Short Course" (p. 121) by Bunak, V. V., Nesturikh, N. F., Roginsky, Ya. Ya., edited by Bunak, V. V. (prof.), Moscow, 1941; and reviewed by Levin, I. S.

SC: Advances in Contemporary Biology (Uspekhi Sovremennoi Biologii) Vol. 17, 1941, No. 1

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

NESTURKH, M. F.

"Osborne's Hypothesis of Anthropogenesis and Its Criticism" (p. 34?) by Nesturkh, M. F.
SO: Advances in Modern Biology, (Uspekhi Sovremennoi Biologii), Vol. XIII, No. 2, 1940

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

NESTURKH, M.F.; GLADKOVA, T.D.; PORSHNEV, B.F.; SHAYER, Ye.G.; NIKITYUK,
B.A.; PAVLOV, B.K.; DMITRIYEV, Ye.A.; LINKOVSKIY, Zn.B.;
PIOKHINSKIY, N.A.; LAVROVA, I.G.; BORISOV, G.V.

Brief news. Biul. MOIP. Otd. biol. 70 no.3:127-140 My.Je '65.
(MIRA 18:10)

S/123/61/000/004/009/027
ACG4/A104

The main ways of modernizing metal cutting equipment

auxiliary times and facilitate the operator's work. The author gives a description and a comparative rating of the service properties of the hydraulic carriages of the KCT-1 (KST-1), ГС-1 (GS-1), УП240 (UP240), МГ-934 (MG-934) and other machine tools. He presents measures for the overall modernization of the 1336M turret lathe and the "Skoda" R-P36MA lathe. The manual collet-type clamp of these machine tools is replaced by the pneumatic blank clamp, the feed of bar material is effected pneumatically, an interchangeable capstan is fitted to cut down the re-setting time. To increase the service life the carriage bedways will be equipped with textolite straps. There are 20 figures.

I. Briskman

[Abstractor's note: Complete translation]

Card 2/2

S/123/61/006/004/009/027
ACG4/AIC4

AUTHOR: Nesturkh, A. G.

TITLE: The main ways of modernizing metal cutting equipment

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 4, 1961, 20, abstract 4B152 ("Moderniz. deystv. oborudovaniya". Kuybyshev, TsBTI Sov-narkhoza, 1959, 3-24)

TEXT: The author elucidates the main ways of modernization: increasing the number of revolutions, feed and drive power to cut down machine time; mechanization of manual operations; providing for accident prevention; automation of the technological cycle with possible rapid re-setting during the change over from one part to another. In modernization it is recommended to use copying installations and preselective control (setting of the required feed and speed without stopping the machine tool). It is pointed out that the limit of modernization is the introduction of program control and the conversion of ordinary machine tools into automatics. The author shows on concrete examples of various metal-working machines - 1A62 (1D62), 1A62 (1A62), MTB-150 (MTV-150), 1A63 (1D63) and others - the way of modernization in order to reduce the machine and

Card 1/2

ACC NR: AP7003596

voltage-dropping ballast resistor. The adder may also be used to sum pulse inputs of various shapes. Orig. art. has: 18 formulas and
2 figures.

[WA-81]
[BD]

SUB CODE: 09/ SUBM DATE: 23Mar66/ ORIG REF: 005

ACC NR: AP7003596

the primary inductances play an important role, a small size transformer should be used. When the weighing coefficient requires a fractional secondary winding which cannot be physically implemented, additional windings are added and simultaneously compensated by a

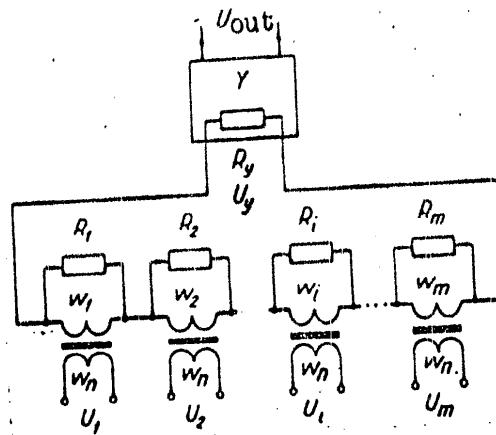


Fig. 1. Multichannel analog signal adder

Card 2/3

ACC NR: AP7003596 SOURCE CODE: UR/0236/66/000/003/0183/0189

AUTHOR: Belinskis, F. F.--Bielinskis, F.; Nyashukaytis, V. V. -- Nesukaitis, V.

ORG: Institute of Power Engineering and Electrotechnology of the
Academy of Sciences, Lithuanian SSR (Institut energetiki elektrotehniki
Akademii nauk Litovskoy SSR)

TITLE: High-speed multichannel analog signal adder using magnetic
transformers

SOURCE: AN LitSSR. Trudy. Seriya B. Fiziko-matematicheskiye, khimi-
cheskiye, geologicheskiye i tekhnicheskiye nauki, no. 3, 1966, 183-189

TOPIC TAGS: adder, magnetic circuit, TRANSFORMER

ABSTRACT: An analog signal adder (see Fig. 1) which uses a number of
transformers equal to the number of input signals is described. The
adder algebraically sums signals which are weighed by the input-to-
output-number ratio of the winding of each transformer. To insure equal
impedances referred to the primary transformer sides, additional re-
sistors preselected according to the number of secondary windings are
placed in parallel with these secondary windings. The sum signal is
applied to a high-impedance amplifier such as an emitter or cathode
follower. To assure distortionless operation at high frequencies, when

USSR/Soil Science. Organic Fertilizers

J-4

Abs Jour : Ref Zhur - Biol., № 10, 1958, № 43872

processed azotobacter mixture of peat, compost and litter together with chalk, was applied in a dose of 2 t. per ha. However, the scheme has not been provided with a control plot with an unprocessed azotobacter mixture.

Card : 2/2

APPROVED FOR RELEASE: 12/02/11: CIA-RDP86-00513R001136700023-6

USSR/Soil Science. Organic Fertilizers

Abs Jour : Ref Zhur "Biol.", No 10, 1958, No 43872

Author : Nestsyuk, N.N., Rozenberg, R.Ye.

Inst : Not Given
Title : The Effect of Bacterial Fertilizers on the Yields of Agricultural Crops Growing on Peat Bog Soils.

Orig Pub : Izv. AN BSSR., ser. biol. n., 1956, No 2, 19-24 (Belorussian; Russ.)

Abstract : The productive capacity of winter rye was increased from 1.25 to 2.91 centners per ha. of grain and from 5 to 17 centners per ha. of straw in tests made at the Kosavskaya Swamp Reclamation Station on the activity of azotobacterine applied to peat bog soil together with potassium and phosphorus fertilizers. The potato yield boost in the same experiment comprised 14.72 centners per ha. --S.A. Nikitin Editorial comment. No indication is given of the precise data in the experiment. AMB preparation, consisting of a

Card

: 1/2

NESTSYAROVICH, N. D.

USSR/Forestry - Forest Cultures.

K.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 95837

Author : Nestsyarovich, N.D., Panamrova, A.V.

Inst : AS Belorussian SSR

Title : Growth of Seedlings and Young Transplants of Tree Species
Raised from Seeds Treated with 2,4-D Solutions.

Orig Pub : Vestsi AN BSSR. Ser. Biyal. n., Izv. AN BSSR. Ser. biol.
n., 1957, No 2, 17-23.

Abstract : Laboratory and field investigations were conducted by the
Department of Tree Plants of the Institute of Biology AS
Belorussian SSR on the Increase of germination and rate
of sprouting of seeds of false and yellow acacia, spruce
and Pinus sylvestris L.. Seeds with decreased germina-
tion and rate of sprouting were soaked in solutions of
various concentrations of 2,4-D for 1.3 and 6 hours,

Card 1/2

S/137/62/CCO/CO2/108/1
ACCO/ALC1

AUTHOR: Nestsyarovich, L. M.

TITLE: Investigation of the corrosion resistance of an alloy of the Al-Zn-Mg-Cu system

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 87, abstract 2152 ("Izv. AN BSSR. Ser. fiz-tekh. n.", 1961, no. 2, 136 - 139. Belorussian)

TEXT The stress-corrosion cracking of Al alloys in 3% NaCl solution was investigated at room temperature and at variable wetting at temperatures 22 - 27 and 50°C. The corrosion resistance of the alloy depends not only upon the concentration of Zn and Mg, but also upon the form in which these elements exist in the alloy; in the form of a solid solution or in the form of chemical inclusions

Ye. Leyner

[Abstracter's note: Complete translation]

Card 1/1

NESTRUYEVA, R.I., kandidat sel'skokhozyaystvennykh nauk; SHKURAT, D.F.

Lavender is eaten up by deer. Priroda 45 no.9:116-117 8 '56.
(MIRA 9:10)

1.Nikirskiy botanicheskiy sad (for Nestruyeva). 2.Alushtinskiy
efirekombinat (for Shkurat).
(Crimea--Lavender (Plant))

NESTRUGINA, Z.F.; RUDENKO, V.F. (Khar'kov)

Effect of noise from Diesel engines on the auditory function of
workers at testing stations. Vrach.delo no.11:114-117 N 162.
(MIRA 16:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda
i professional'nykh zabolеваний.
(NOISE) (INDUSTRIAL HYGIENE) (HEARING)

KHAZAN, G.L., kand.med.nauk; STANISLAVSKIY, Ya.M., kand.med.nauk;
KUTEPOV, V.N., mladshiy nauchnyy sotrudnik; KINOSHENKO, Yu.T.,
mladshiy nauchnyy sotrudnik (Khar'kov); Prinimali uchastiyе:
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